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Cornell Univ. Library

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Report

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CORNELL UNIVERSITY LIBRARY

LIBRARIAN'S REPORT

1904--1905

To the President of the University :

SIR :—I have the honor to submit herewith my annual report on the University Library for the year ending June 30th, 1905.

On September 17th, 1904, occurred the death of Willard Fiske, the first Librarian of the University, who had successfully presided over the Library from 1868 to 1882, and from whom in later years the Library had received frequent and valuable gifts, among them our extensive Dante and Rhæto-Romanic collections. By his will, his famous Icelandic and Petrarch collections, numbering together some 12,000 volumes, were bequeathed to the Library with adequate provision for their care and increase, and his residuary estate was bequeathed to the University as a trust fund, the income thereof to be used and expended for the uses and purposes of the University Library with which he had so long been connected. It is estimated that this bequest will ultimately add over \$500,000 to the endowment funds of the Library.

At the suggestion of the executors of the estate, made in accordance with Mr. Fiske's instructions, I was authorized by the University to proceed to Florence in December to superintend the transfer of the collections. Upon arriving in Florence I found that the question of permitting these collections to leave Italy had been raised and had been referred to a Commission of three, appointed by the Minister of Public Instruction. The case of the University was ably presented to the Commission by Professor Horatio S. White, the executor in charge of the estate in Florence, and after much discussion and negotiation an agreement was reached with the Commission, subject to the approval of the Minister of Public Instruction and of the University, permitting the exportation of the two collections intact, upon the payment of a comparatively light tax upon the incunabula and manuscripts. In recognition of this courtesy on the part of the Italian authorities, the University, at the request of the Commission, granted to the Laurentian Library of Florence the privilege of borrowing books from these collections, under regulations agreed upon

by the Librarian of the Laurentian Library and the Librarian of Cornell University. The permission to export the collections having been obtained, the books of the Petrarch and Icelandic collections, and the remaining portion of the Arabic collection, presented to the Library last year by Mr. Fiske, were carefully packed and shipped to this country, arriving at the end of March. In the overcrowded state of the Library it was difficult to find any place where the books could be even temporarily shelved. Finally, however, shelf room was found for them, in the south wing of the stack, by taking from the shelves and packing away in boxes several thousand volumes of our older and least used sets. The task of arranging the books was at once begun for the Petrarch collection by Mr. Ellis, and, by agreement with the executors, Halldor Hermannsson who, in accordance with Mr. Fiske's recommendation, is to be the first assistant in charge of the Icelandic collection, began the arrangement of that collection on May 1st. Until this task is completed an exact count of the number of volumes in the collections cannot well be made, and the numbers given in this report are those of a rough count made of the books as they stood on the shelves of Mr. Fiske's library in Florence. The richness and value of these collections can be fully appreciated only when they come to be shelved in surroundings which will properly display their treasures, and fitting quarters it is hoped may before long be provided for them. Meantime a few words as to the character and scope of the collections may properly find a place here.

The formation of the Icelandic collection was the work of a lifetime, for its beginning was made by Mr. Fiske when a student in the University of Upsala, more than fifty years ago, and so long ago as 1859 it was reputed to be the richest collection of Icelandic literature and history then to be found in America. Largely increased by the purchases of later years, it now numbers about 8,500 volumes and includes, to borrow from Mr. Fiske's own description of it, all the works on the scattered remains of runic literature and on Scandinavian mythology, all the annals, travels, natural histories, ecclesiastical writings, biographies and bibliographies, which can, in any way, throw light on the history, topography, commerce, language, and letters of Iceland. It lacks very few of the editions and translations of the sagas, the ancient laws, the Eddas and the skaldic lays, and very few of the treatises which illustrate them; it lacks still fewer of the strictly linguistic works relating to either the Old-Icelandic or the New-Icelandic. It has every one of the impressions of the Ice-

landic Bible or of its parts. Its series of Icelandic periodicals—whether printed in the island itself, in Denmark, or in Canada—is absolutely complete; and all but complete is its series of laws and ordinances, regulating the island's affairs, promulgated by either the Danish or Icelandic authorities. Of the geographical descriptions of Iceland—from the earliest dubious notices of Thule to the recent reports of Thoroddsen—scarcely one is wanting, each and every published voyage being present, not only in its various original editions but in all its translations. It includes not only nearly every important production of the Icelandic press during the last fifty years, but also a great number of ephemeral publications, such as broadsides, placards, funeral inscriptions, prospectuses, and circulars, and not a few engravings and photographs of Icelandic persons and places.

The Petrarch collection, numbering some 3,500 volumes, is of more recent origin, dating only from 1880, but in its own field it is fully as rich and complete as the older collection. Besides a number of early illuminated manuscripts of Petrarch's writings, it contains, beginning with the rare first edition of the *Rime* printed at Venice in 1470, a nearly complete series of all the various editions of Petrarch's works and their numerous translations, including several manuscript translations of the story of Griselda into Icelandic, which under other circumstances might have been considered part of the Icelandic collection. It is especially rich in works concerning Petrarch's part in the Revival of Learning, and a large section of the collection is devoted to works concerning Petrarch's friends and contemporaries, such as Boccaccio, the Emperor Charles IV., and Cola di Rienzo. Almost every printed biography of Petrarch and of Laura is present and the iconography of Petrarch and Laura is richly represented by numerous reproductions of portraits, and of views of Avignon, Vaucluse, Arezzo, and other places associated with Petrarch. The books of these two collections when not already in well preserved contemporary bindings, many of them of historic interest, have been handsomely bound and offer interesting and instructive examples of the handiwork of the best English and continental bookbinders. With the Dante and Rhæto-Romanic collections previously presented by Mr. Piske, the University Library now possesses a remarkable group of four special collections, each in its way unsurpassed by any in this country, forming an enduring monument of the bibliographical skill and knowledge of their collector.

The following table shows approximately the additions made during the year to the various collections forming the University Library and the total present extent of the Library :

	ADDITIONS 1904-05		PRESENT EXTENT	
	Vols.	Pams.	Vols.	Pams.
General Library -----	23,855	1,500	273,438	48,000
Law Library -----	1,297		34,137	
Flower Veterinary Library -----	284		2,700	
Forestry Library -----	19		984	
Stimson Hall Medical Library --	37		638	
Totals -----	25,492	1,500	311,897	48,000

Of the accessions to the general Library, numbering 23,855 volumes, no less than 17,517 volumes (including the Icelandic and Petrarch collections, estimated at 12,000 volumes, bequeathed by Willard Fiske), or more than two thirds were gifts. In the accessions to the general Library are included 1,019 volumes added to the various department and seminary collections. Of the additions to the Law Library, numbering this year 1,297 volumes, 241 volumes were gifts, as were also 33 volumes of the additions to the Flower Library and 22 volumes of the additions to the Stimson Hall Library.

Among the more important gifts of the year, besides the Fiske collections already described, mention should be made of the unique and valuable gift received from Mrs. Bayard Taylor, consisting of Bayard Taylor's correspondence and note-books ranging from 1847 to the year of his death, 1878, and including letters from many distinguished men; with this Mrs. Taylor also gave to the Library her husband's collection of Faust and Goethe literature. That Cornell was chosen to be the depository of this most interesting collection is due in no small degree to the efforts of Professor J. M. Hart. From Mrs. R. H. Thurston the Library received the gift of the valuable collection of technical works formed by Professor Thurston, numbering some 2,300 volumes. From ex-President White the Library received during the year 456 volumes, chiefly historical; from Theodore Stanton, of the class of '76, 123 volumes; from Hiram J. Messenger, of the class of '80, 25 volumes; from Professor A. C. Coolidge, of Harvard University, 101 volumes, chiefly relating to mediæval history. To yourself and to Professors Burr, Comstock,

Hart, and Willcox the Library is also indebted for many valuable additions. From the family of Professor G. C. Caldwell the library of the chemical department received a gift of 406 volumes of chemical works; the department of Romance languages received from Professor T. F. Crane a gift of 373 volumes for a department library. From the National and State governments the usual supply of public documents has been received; and the English and Canadian Patent offices continue to present us with their valuable publications. For the gifts here mentioned and for the many minor gifts received during the year prompt acknowledgement of our thanks has been made to the respective donors.

Among the more important purchases made from the income of the Sage Endowment Fund may be noted: facsimiles of Spinoza's Letters, of the first edition of Chaucer's works, and of the autograph manuscript of Keats's *Hyperion*; Henley's edition of Smollet's works; the Virginia edition of Poe's works; McCarthy's *Irish Literature*; Curzon's *Persia and Persian Question*; Thwaites's edition of the original Journals of the Lewis and Clark Expedition; Bismarck's *Politische Reden*; Brünnow's *Provincia Arabia*; Bartholomæ's *Alt-iranisches Wörterbuch*; the *Thesaurus Palæo-Hibernicus*; the *Microcosm of London*; Guiffrey's *Les Cafféri*; Glasenapp's *Richard Wagner*; Armstrong's *Sir Joshua Reynolds*; Binyon's *Thomas Girtin*; Colvin's *Selected Drawings from old Masters*; Espouy's *Architecture Antique*; Furnival's *Decorative Tiles*; Cambridge's *Spiders of Dorset*; Walker's *Dipterous Insects*; Richon's *Atlas des Champignons*; Schaeffer's *Fungorum Bavarie Icones*; the *Archiv für Ohrenheilkunde*; the *Bulletin de la Société Mycologique de France*; the *Bulletin de l'Académie Royale des Sciences, Bruxelles*; *Deutsche Chirurgie*; the *Journal of the Asiatic Society of Bengal*; the *Memorias da Academia das Sciencias de Lisboa*; the *Procès-verbal de l'Assemblée Nationale Constituante*. Among the important sets which have been completed are the Publications of the Maine Historical Society; Silva's *Diccionario Bibliographico Portuguez*; the *Journal of the Society of Arts*; the *English Mechanic*; the *American Berkshire Record*; Wallace's *Trotting Register and Yearbook*; the *Archiv für Anatomie*; the *Jahresbericht über die Fortschritte der Anatomie*; the *Zeitschrift für Biologie*.

Dr. A. C. White, assistant librarian in charge of the accessions and classification, reports that the work of this department has gone on regularly with no important changes of method. The work of Mr. Ellis as curator of the shelves has given great relief to the clas-

sification department. Since the arrival of the Fiske collections Miss Ingersoll has spent such time as could be spared from other duties in entering the books of the Petrarch collection in the accession book.

Miss Dame, assistant librarian in charge of the catalogue, reports that during the year 10,196 volumes and 2,362 pamphlets were catalogued, including the regular accessions to the general Library, the Flower library, and the Stimson Hall collection. So far as practicable, use has been made of the printed cards furnished by the Library of Congress, 1,241 cards for 544 works having been used this year. Shelf-lists have been written for the witchcraft collection and a beginning has been made in cataloguing these books for the general catalogue.

From the President White Library, the librarian, Professor Burr, reports as follows:

"Owing to my absence on sabbatical leave during the first half of the current academic year, the care of the President White Library devolved upon the Fellow in European History, Mr. Theodore F. Collier, and the Graduate Scholar in History, Miss Cora F. Sargent, who discharged their trust with rare conscientiousness and devotion. My stay abroad was meanwhile fruitful to the Library through the book-hunting which was part of its purpose. In England, in France, and especially in Switzerland, I made many purchases. The largest gainers were our collection on the period of the Reformation and that on the history of Switzerland, for which I was able not only to lay under contribution the book dealers, but to win certain peculiarly coveted treasures from among the duplicates of European libraries. The fund from which these purchases were mainly made was that furnished by ex-President White's generous gift of the income of his *Warfare of Science*. With the present year, however, that precious source must cease for a time to be available. A careful revision of the book is now under way and the costs of this and of the reprinting are likely, for a considerable time to come, to consume our profits from the work. By adding to the permanent worth of the work, the revision should, however, assure us larger and more lasting receipts. During the year the great collection on Diabolism and Witchcraft has been classified and shelfmarked."

From the report of Mr. W. H. Austen, assistant librarian in charge of the reference and circulating departments, the following facts and statistics of general interest are taken. The Library has been open to readers during the year 308 days and 164 evenings. The recorded use of the general Library during the year was as follows:

EXPENSE AND DEPARTMENT USE

No. of volumes used in the reading room	74,381
No. of volumes used for use in seminars	2,374
No. of volumes sent for use to departments	2,168

LIBRARY USE

No. of volumes drawn for home use	21,761
No. of volumes lent to other libraries	148

Total recorded use

100,000

The number of volumes on open shelves in the reading rooms and seminar rooms in the library building is now 15,441 and of the constant use made of these books freely accessible to readers increased is possible. The number of volumes in like manner removed from the stacks and deposited in the various department and literary collections in other buildings is now 29,227. The number of volumes reported missing from these collections at the close of the regular inspection this year is 157, distributed as follows:

From the open shelves in the reading room	128
From the seminar rooms	1
From department collections in Merrill Hall	22
From the department collection in Morse Hall	40
From the department collection in Franklin Hall	16
From department collections in Sibley College	15
From the College of Architecture collection	11
From the College of Civil Engineering collection	13
From other laboratory collections	28

Total

357

The number of registered users of the library given in the following table, includes only those who have drawn books for home use.

University officers	268
Graduate students	101
Seniors	275
Other undergraduates	666
Students in the Summer Session	81
Special borrowers	21

Total

1,445

An effort was made to require all persons using books in the reading room to register at the desk, but this requirement proved to be so annoying to readers and so difficult to enforce that it was abandoned. The number of cards of admission to various sections of the book stacks granted to advanced students during the year was 67.

Mr. W. W. Ellis, curator of the shelf department, reports that this year, his whole time being given to this department, he has been able to do the work much more thoroughly than has heretofore been possible. One complete inventory of the shelves was made and a second is partially completed. These show 264 volumes missing from the shelves as against 282 last year. Under the new arrangements made for putting away the books on the shelves only about 300 volumes were found out of place as against 649 last year. To maintain better order on the shelves larger numbers of book supports are required. The inconveniences felt during the past year from inadequate shelf room have been very great and the unsatisfactory methods of piling books on tables and on floors, or removing them to a distance from their proper location, have had to go on. To make room for the Fiske collections it was necessary to remove from the shelves portions of the Library least used; many volumes were piled up at the end of the lower stack room and, when no more space was available there, several thousand volumes more were packed away, filling 52 cases, from which a portion of the Fiske books had been taken, and stored in the lecture room. These boxes were all numbered, with note of the volumes contained in each, so that in case of necessity access can be obtained to them with as little delay as possible. The space allotted to the wall-maps is so overcrowded that it is difficult to keep them in satisfactory order and some more adequate place for these maps is greatly needed. Owing to lack of sufficient heat in the stacks during the winter months, work on the inventory had to be suspended for a time and in December Mr. Ellis undertook the task of arranging and entering on the accession book the R. H. Thurston collection of some 2,300 volumes presented by Mrs. Thurston. Of these over 1,300 volumes were not in the Library and about 400 were different editions of books already here. The unpacking of the Fiske collections was carried on under the constant personal supervision of Mr. Ellis and the books of the Petrarch collection were arranged by him on the shelves in readiness for entry in the accession book.

It is with great satisfaction that I have to report that the Trustees, at their Commencement meeting, made an appropriation for

carrying out the much needed changes recommended in the large lecture room, including the erection of stacks containing about 17,000 feet of shelving and the contract recently let calls for the completion of the work before the opening of the next academic year. The new shelving will not only relieve the present overcrowded condition of the stack rooms but will provide for the orderly accession of the next five or six years, and in the meantime plans should be matured for the contemplated extension of the stack wings of the building which there will be absolutely necessary.

In closing this report I bear grateful testimony to the faithfulness and efficiency of the members of the staff as clearly shown in the satisfactory administration of the Library during the Librarian's absence for three months in connection with the transfer of the books collections from Italy to this country. In the first term of the year Mr. Austin gave a course of lectures on the use of the Library, and in the second term the Librarian gave a course in general bibliography. The annual record of publications for the University and its officers has been prepared for Miss Thoms, and the list of donors has been prepared by Miss Ingersoll, to accompany the report.

Respectfully submitted,

EDMUND W. HARRIS.

Librarian

CORNELL UNIVERSITY

PUBLICATIONS, 1904-1905

The University records. 10. no. 3-6 911. 10. no. 1-2, 5 and 6 suppl. 100. Ithaca, 1904-05. 9 nos. 8^o.

Directory.—iv, 7. Ithaca, 1904-05. May, 1904.

6. Announcement of courses, 1904-05.

6 [111].—*Prospectus of the College of Agriculture*, 1904-05.

7. 1. Twelfth annual report of President Schurman, 1904-05.

2. The Register, 1904-05. (Jan., 1905.)

3. Announcement of courses of instruction during the summer session, 1905.

3. supplement. Cornell University views.
4. The register, 1904-05. May, 1905.
5. Announcement, 1905-06, the New York State Veterinary College.

No. 6 was not issued.

Announcement of the College of Law, 1905-06. Ithaca, 1905. sm. 8°. pp. 29.

The Cornell countryman. Vol. ii., no. 1-9, Oct., 1904-June, 1905. m. Ithaca, 1904-05. 9 nos. 8°. *Illus.*

Does it pay to go to college? An answer to the argument of Mr. R. T. Crane in the form of an address delivered before the graduating class of the Evanston, Ill., Township High School, by J. S. Clark. Evanston, cop. 1904. sm. 8°. pp. 20.

This pamphlet was issued by Cornell University.

The early days of Cornell, by Goldwin Smith. Ithaca, 1904. 8°. pp. 23.

Exercises at the laying of the corner stone of Goldwin Smith Hall, Oct. 19, 1904. Ithaca, 1905. sm. 8°. pp. 26.

The journal of physical chemistry; edited by W. D. Bancroft and J. E. Trevor. Vol. viii., no. 7-ix., no. 6, Oct., 1904-June, 1905. m. Ithaca, 1904-05. 9 nos. 8°.

"Issued monthly except in July, August and September."

The philosophical review; edited by J. E. Creighton and E. Albee, with the cooperation of J. Seth. Vol. xiii., no. 5 xiv., no. 4, July, 1904-July, 1905. 2m. New York, 1904-05. 7 nos. 8°.

The physical review; a journal of experimental and theoretical physics; conducted by E. L. Nichols, E. Merritt and F. Bedell. Vol. xix. xx., July, 1904-June, 1905. m. New York, 1904-05. 2v. 8°.

Proceedings of the Electrical Society and of the Society of Mechanical Engineers of Cornell University. Vol. xii., 1904-05. Ithaca, 1905. 8°.

Publications of Cornell University Medical College: studies from the Department of Pathology. Vol. iv. New York, 1904. 8°. *Illus.*

Second annual banquet of the Society of Comparative Medicine of the New York State Veterinary College, held on the tenth anniversary of the founding of the college, Feb. 15, 1905. [Ithaca], 1905. sm. 8°. pp. 25. *Port.* and *plates.*

Second annual music festival, Cornell University, April 27-29, 1905. Ithaca, 1905. 8°. pp. 53 + (1). *Portrs.* and *orn.*

Studies from the laboratory of comparative pathology and bacte-

biology, New York State University College, Cornell University: reprints. Vol. 1. [Ithaca, 1903.] 8°. *Pp.*

Transactions of the Association of Civil Engineers of Cornell University. Vol. xiii. 1904-05. Ithaca, 1905. 8°

Seventeenth annual report of the Agricultural Experiment Station, 1904. Ithaca, 1904. 8°. *Pp.*

Bulletin of the Agricultural Experiment Station. No. 321-328. July, 1904-April, 1905. Ithaca, 1904-05. 8 mm. 8°. *Pp.*

Cornell reading course for farmers. No. 1-25. Jan., 1904-March, 1905. Ithaca, 1904-05. 8 mm. 8°

Cornell reading course for farmers wives. no. no. 1-9. 1-11. March, 1904-March, 1904. Ithaca, 1904. 8 mm. 8°. *Pp.*

Home naturalist course. no. vol. 1, no. 1-4 and 1 suppl., Oct., 1904-May, 1905. Ithaca, 1904-05. 8 mm. 8°. *Pp.*

Home naturalist monthly. no. vol. 1, no. 1-8, and 1 suppl., Oct. 1904-May, 1905. Ithaca, 1904-05. 8 mm. 8°. *Pp.*

U. S. Department of Agriculture, New York Section of the Climate and Crop Service of the Weather Bureau. Report. Vol. xvi, no. 1-xxvii, no. 2, July, 1904-May, 1905. no. Ithaca, 1904-05. 12 mm. 4°

In connection with Cornell University

— Weekly crop bulletin. Vol. [xvi.], no. 1-1 [xvii.] no. 2, 1 July, 1904-30 June, 1905. no. [Ithaca], 1904-05. 23 brochures.

By Others

In the present list are included the titles of books, pamphlets and signed contributions to periodicals, transactions, etc., published by officers and fellows of the University during the period extending from July 1, 1904, to June 30, 1905, with some titles omitted in previous lists.

Adams, J. Q., jr. The sources of Ben Jonson's "Volpone". Modern Philology, Oct., 1904, vol. 11., p. 289-1

Albee, E. *editor*. The philosophical review. 1904.

Arboussois, G. F. A college text-book of botany, being an enlargement of the author's "Elementary botany". New York, 1905. sm. 8°. pp. xvi. + 717. 102 *figs.*

— Profits in mushroom culture. James Agricultural 11 March, 1905, vol. 1-xxv., p. 497.

— and P. Shore. Mushroom growing for amateurs. Bulletin of the Cornell University Agricultural Experiment Station, March, 1905, no. 227, p. 413.

Austen, W. A banking method of charging books. (*Library Jour.*, March, 1905, vol. **xxx.**, p. 144.)

Bailey, L. H. *The outlook to nature*. New York, 1905. sm. 8°. pp. ix. + 296.

— How to manage a successful dairy. (*Country Life*, Jan., 1905, vol. **vii.**, p. 275.)

— The quest of nitrogen. (*Country Calendar*, May, 1905, vol. **i.**, p. 27.)

— Rotation of crops. (*Cosmopolitan*, April, 1905, vol. **xxxviii.**, p. 682.)

Bancroft, W. D. The chemistry of electroplating. (*Jour. of Physical Chemistry*, April, 1905, vol. **ix.**, p. 277.)

Also in *Transactions of the International Electrical Congress*, St. Louis, 1904, vol. **ii.**, p. 27.

— Constant voltage and constant current separations. (*V. Internationaler Kongress für Angewandte Chemie*, Bericht, 1904, Bd. **iv.**, p. 703.)

— Experiments with metallic diaphragms. (*Same*, p. 707.)

— Future developments in physical chemistry. (*Jour. of Physical Chemistry*, March, 1905, vol. **ix.**, p. 216.)

— The rotating diaphragm. (*Transactions of the Amer. Electrochemical Soc.*, 1905, vol. **vii.**, p. 171.)

— Papers from the laboratory of W. D. Bancroft, published in the *Jour. of Physical Chemistry*, 1905, vol. **ix.**:

Electrolysis of cobalt and nickel tartrates, by J. E. Root, p. 1; The aluminum rectifier, by S. B. Charters, p. 110; Electrolytic chromium, I., by H. R. Carveth and W. R. Mott, p. 231; Electrolytic chromium, II., by H. R. Carveth and B. E. Curry, p. 353; The electrolytic precipitation of silver, by R. C. Snowdon, p. 392; The electrolytic precipitation of nickel on nickel, by R. C. Snowdon, p. 399; The tensile strengths of copper-tin alloys, by E. S. Shepherd and G. B. Upton, p. 441; Aluminum-zinc alloys, by E. S. Shepherd, p. 504.

— and A. A. Noyes. Outline of researches in physical chemistry made in America since 1900. (*V. Internationaler Kongress für Angewandte Chemie*, Bericht, 1904, Bd. **iv.**, p. 711.)

— *editor*. *Journal of physical chemistry*, 1904—

Also about 600 signed reviews, chiefly in the *Jour. of Physical Chemistry*.

Bedell, F. The measurement of small alternating currents. (*Electrical World and Engineer*, 10 June, 1905, vol. **xl.**, p. 1017.)

— [Review of] American meter practice; by L. C. Reed. (*Physical Review*, Sept., 1904, vol. **xix.**, p. 240.)

- [Review of] *Electric and magnetic circuits*, by E. O. Cropper. (*Chem. Eng.*, 1921, vol. xix., p. 214.)
- [Review of] *Electrical engineering measurements*, by D. B. Tuck. (*Chem. Eng.*, 1921, vol. xix., p. 215.)
- [Review of] *Handbook for the electrical laboratory and testing room*, by J. A. Fleming. (*Chem. Eng.*, 1921, vol. xix., p. 215.)
- [Review of] *Mechanical engineer's reference book*, by H. H. Snodden. (*Chem.*, p. 175.)
- *Editor*. The physical review, 1921.
- Bell, J. M. Free energy and heat capacity. (*Ann. of Physical Chemistry*, May, 1920, vol. ix., p. 381.)
- and J. E. Everett. The fundamental functions of some compound diatomic gaseous. (*Chem. Mag.*, 1920, vol. ix., p. 179.)
- Bennett, C. E. *Freightway Latin series*. Boston, 1921. 27 pp. incl. Bennett's Latin series.
- [Review of] *The private life of the Romans*, by H. W. Johnston. (*Ann. Biological Review*, April, 1921, vol. x., p. 512.)
- Bentley, I. M. [Review of] *Harvard psychological studies*, vol. 1. (*Philosophical Review*, March, 1921, vol. xiv., p. 221.)
- [Review of] *The mind of man*, by G. Spiller. (*Ann. Ann. of Psychology*, April, 1921, vol. xvi., p. 222.)
- [Review of] *Über die allgemeinen Beziehungen zwischen Gehirn und Seelenleben*, von T. Ziehen. (*Philosophical Review*, Nov., 1921, vol. xvi., p. 228.)
- See also Titchener, E. B., and I. M. Bentley, *Editors*. Cornell University studies in psychology.
- Bonsen, J. A. A review of Bulletin 2, Bureau of Soils, U. S. Department of Agriculture. (*Cornell Countryman*, Nov., 1921, vol. 4., p. 32.)
- Browne, A. W. A new synthesis of hydronitric acid. (*Ann. of the Amer. Chemical Soc.*, May, 1921, vol. xlviii., p. 551.)
- On the detection of hydronitric acid and hydrazine in their inorganic compounds. (*Science*, 17 Feb., 1921, N. S. vol. xli., p. 286.)
- and author. Effect of mechanical vibration upon carbon dioxide near the critical temperature. I., by W. P. Bradley, A. W. Browne and C. F. Hale. (*Physical Review*, Oct., 1921, vol. xix., p. 258.)
- Abstracts in *Ann. of the Amer. Chemical Soc.*
- See also Danlos, L. M., and A. W. Browne. Hydronitric acid and the inorganic nitrates.

Bryant, W. S. The anatomy of the child's ear, emphasizing points of practical importance. (Archives of Otology, Feb., 1905, vol. xxxiv., p. 80.)

— Embalming. (Reference hand-book of the medical sciences, edited by A. H. Buck, 1904, vol. viii., p. 428.)

— Epidural abscess. (Post-Graduate, June, 1905, vol. xx., p. 591.)

— Exhibition of a patient recovered from recent operation for epidural abscess. (Transactions of the Amer. Otological Soc., 1904, vol. viii., p. 506.)

— Exhibition of instruments: the front-bent gouge adapted to bone surgery. (*Same*, p. 523.)

— The front-bent gouge in cranial surgery. (Medical Record, 20 May, 1905, vol. lxxvii., p. 798.)

— High speed diseases. (N. Y. Tribune, Sunday Magazine, 11 Dec., 1904, p. 7.)

— A phonographic acoumeter. (Archives of Otology, 1904, vol. xxxiii., p. 438.)

— A phonographic acoumeter. (Transactions of the Amer. Otological Soc., 1904, vol. viii., p. 520.)

— Practical hearing tests. (Jour. of the Assoc. of Military Surgeons of the U. S., April, 1905, vol. xvi., p. 245.)

— Le rétrécissement de la trompe d'Eustache dans les maladies de l'oreille et son traitement. (Archives Internationales de Laryngologie, 1905, vol. xix., p. 758.)

— Short and easy methods of arriving at good results in diseases of the ear and upper air tract, illustrated by recent cases. (Medical News, 4 March, 1905, vol. lxxxvi., p. 392.)

— Tinnitus aurium, diagnosis and differentiation. (Transactions of the Amer. Otological Soc., 1904, vol. viii., p. 385.)

— Tinnitus aurium, etiology. (Transactions of the 10th Annual Meeting of the Amer. Laryngological, Rhinological and Otological Soc., 1904, p. 351.)

— Treatment of chronic purulent otitis media, with illustrative cases. (International Jour. of Surgery, May, 1905, vol. xviii., p. 136.)

— The treatment of tinnitus aurium. (Laryngoscope, July, 1904, vol. xiv., p. 531.)

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APPENDIX

TO THE

REPORT OF THE LIBRARIAN

1904-05.

LIST OF DONORS OF BOOKS TO THE UNIVERSITY LIBRARY, INCLUDING THE SPECIAL LIBRARIES.

	VOLS.
Abbot, W. J.	1
Adams, J. Q., Jr.	1
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Allen, E. P.	1
American Association for the Advancement of Science.....	2
American Berkshire Association	1
American Chester White Record Association.....	6
American Cotswold Association	3
American Duroc Jersey Association.....	6
American Galloway Breeders Association.....	4
American Guernsey Cattle Club	1
American Gynecological Society.....	1
American Hereford Association.....	1
American Institute of Electrical Engineers	1
American Jack Stud Book Association.....	4
American Jewish Historical Society	1
American Museum, N. Y.	1
American Oriental Society	1
American Oxford Down Association	3
American Poland China Association	1

American Railway Master Mechanics Association	1
American Sculptors' Association	1
American Society House Building Association	1
American Standard Iron Club	1
American Silver House Association	1
American Southern Ironworkers Association	1
American Skippers' Association	1
American Society of Civil Engineers	1
American Society of Heating and Ventilating Engineers	1
American Type Foundry Co.	1
American Water Works Association	1
American Yacht Club	1
Andrews, Arthur C.	1
Andrews, R. B.	1
Anonymous	1
Equatorial Republic—Government Department	1
Arkun, L. J.	1
Army War College	1
Astoria Society of Oregon	1
Association of Civil Engineers, Cornell University	1
Association of Military Engineers	1
Association of Railway Superintendents	1
Association of State Welfare Societies	1
Atun, J. J.	1
Ayres, G. F.	1
Baker, W. H.	1
Baldwin, C.	1
Baker, L. H.	1
Baker & Taylor Co.	1
Baker, W. H. Co.	1
Baker, E. A.	1
Baldwin, Mrs. M. H. D.	1
Baldwin, Whitney Co.	1
Baltimore, Md.	1
Boston University Library	1
Boston, W.	1
Bell, H. W.	1
Bennett, C. E.	1
Benson Co. J. S. Co.	1
Bethesda Museum	1
Boston—City of Boston	1

Berlin University	16
Bijlevelt, Col. van.....	1
Biological Society of Washington	1
Bishop, W. W.	1
Bodleian Library	1
Bolton, Mrs. S. K.	1
Boerner, C. G.	1
Boston—City Offices.....	4
Boston Public Library.....	1
Bostwick, C. D.	1
Boyd, J. E.	1
Bristol, G. P.	2
Brooklyn Institute of Arts & Sciences.....	5
Brown & Sharp Mfg. Co.	1
Buffalo University Library	1
Burgersdijk & Niermans.....	1
Burr, G. L.	60
Byllesby Co.	1
Cabeen, C. W.	1
Caldwell, G. C. Family of.....	328
California—State Departments	5
Cambridge, Mass.—City Offices.....	1
Canada—Government Offices.....	10
Canadian Institute.....	1
Canadian Society of Civil Engineers.....	1
Canfield, Miss D. F.	1
Caproni & Bro.	1
Carll, S. P.	1
Carnegie Institution, Washington.....	20
Cary, C. P.	1
Caton, R.	1
Cavalieri, G.	1
Central Conference of American Rabbis	2
Ceradini—Bozzolo, Signora Carlotta.....	1
Charleston, S. C.—City Offices.....	1
Chicago—City Offices.....	2
Chicago Board of Trade	2
City Club of N. Y.	1
Cleveland Chamber of Commerce.....	1
Clydesdale Horse Society	2
Coklantz, W. W.	

Delaware Catalogue	52
Delaware University	5
Deming, Geo. A. B.	7
Deming, T. H.	78
Demonstration Home Department	60
Dentistable House Club	5
Dentley, A. C.	100
Detroit, L.	1
Detroit University—Agricultural Experiment Station	100
Detroit University—Classical Department	7
Detroit University—Class of 1901	1
Detroit University—Christian Association	61
Detroit University—College of Agriculture	9
Detroit University—College of Architecture	1
Detroit University—College of Civil Engineering	10
Detroit University—Medical College	9
Detroit University—Native Crafts Department	1
Detroitian Club, House	1
Dewell, D. S.	1
Dewell, D. H.	7
Dewar, T. F.	100
Dexter, Mrs.	18
Dick, J.	1
Dickens, John	1
Dick, W. S.	1
Dixon, Miss E.	1
Dixon Society, London	1
Dixon, J. W.	1
Dixieport Academy of Science	1
Dixon, H. S.	1
Do Becker, J. S.	1
Dolton-Morris English Association	9
Dolman, Study Department	7
Domin, F. W.	1
Dorick Publishing Co.	1
Dorsey Cattle Breeders Association	11
Dorset of Columbia—Contributions of	10
Dominion Short Horn Association	14
Dorville, George E.	1
Dove Philological Museum	7
Dublin University	9

Duclos, M.	I
Edebohlis, G. M.	2
Eidlitz, O; M. and R. J.	I
Electrical Society, Cornell University	I
Engineers Clubs of Philadelphia	I
Erkko, E.	2
Erlangen University	13
Farr, L. G. S.	I
Faust, A. B.	3
Fetter, F. A.	I
Field, Columbian Museum	4
Finch, F. M.	4
Finch, W. A.	I
Fiske, W.	12278
France—Government Departments	I
Franklin Printing Co.	I
Fraser, A. H. R.	17
Gage, S. H.	I
Gage, Mrs. S. H.	I
Gallinger, J. H.	3
Gano, D. C.	I
Georgia—State Departments	2
Gillett, Mrs. F. S.	5
Gloucester, Mass.—City Officers	2
Gluck, Mrs. J. F.	3
Göttingen University	14
Great Britain—Board of Education	3
Great Britain—Patent Office	139
Green, S. A.	20
Gridley, A. L.	I
Griffis, W. E.	I
Guastavino, R.	I
Hakluyt Society	I
Halsey, N. W. and Co.	I
Hampshire Down Sheep Breeders Association	I
Hampshire Down Sheep Breeders Association of America	I
Hamy, J. T. E.	I
Hanna, H. H.	I
Harris, G. W.	11
Hart, J. M.	32
Hartford—City Officers	I

Harvard Theological Seminary	1
Harvard University	12
Haskins, C. W.	2
Haskell University	1
Hawaii Union College	1
Hay, F.	1
Hedden, Catherine	1
Hemping, A.	1
Hepburn, A. F.	1
Hewitt, W. C.	1
Hicks, J.	1
Hill, E.	1
Hindus' Young Association	1
Historic Sites, Department of Canada	7
Hongkong, Kowloon & Co.	1
Hood, C. W.	1
Hosie, C.	1
Hos, D. F.	1
Hull, E. W.	1
Hunt, T. F.	1
Hunter-Hunt, Department	1
Hunter-Hunt, Department of Engineering and Architecture	1
Hunter-Hunt, Department of Society	1
Improved Club Top, Indian Mission Society Association	1
Indian-Hunt, Department	1
Indian State Bar Association	1
Irish, M. C. S.	1
Institute of Marine Engineers	1
International N. M. C. S.	1
Iowa-Hunt, Department	1
Iowa State Bar Association	1
Irvine, F.	1
Italy—Government Offices	1
Japan University	1
Japanese Contribution to the American Pacific Expedition	1
Jenks, J. W.	1
Jordan Club, N. Y.	1
Johns Hopkins Library	1
Johns Hopkins University	1
Kansas-Hunt, Department	1
Kansas State Agricultural College	1

Karlsruhe Technische Hochschule	I
Kenard, J. S.	I
Kent or Romney Marsh Sheep Breeders Association	I
Kentucky State Bar Association	I
Kerr, A. T.	4
Kiel University	4
Kikuchi, Baron D.	I
Kircheisen, F. M.	I
Koch, T. W.	I
Kogoro Takahira	I
Kongl. Svenska Vetenskaps Akademie	4
Königsberg University	6
Kuperus, K. N.	3
Kyoto University	I
Larrabure V Unanue, E.	I
Law Association of Philadelphia	3
Leiden University	I
Letchworth, W. P.	I
Levasseur, E.	I
Liberal Club, Buffalo	I
Lonbat, Duc de	3
McMahon, J.	2
Macmillan Co.	I
Maine—State Departments	2
Manning, Mrs. G. L.	3
Manniug, W. H.	I
Marvin, F. R.	2
Maryland—State Departments	8
Mason, H. D.	I
Massachusetts—State Departments	18
Medical Society of the State of New York	4
Melbourne University	I
Merck & Co.	I
Messenger, H. J.	27
Metropolitan Museum of Art, N. Y.	6
Metzenbaum, M.	I
Mexico—Ministerio de Instruccion Publico	2
Michigan—State Departments	7
Michigan Pioneer and Historical Society	I
Middlesex Hospital	2
Miller, S.	I

Mills, F. B.	1
Millwaukee—City Office	2
Minnesota—State Department	1
Missouri Botanical Garden	1
Mitchell, F. D.	15
Mitchell, L. B.	2
Miles, E.	1
Minnard, J. H.	2
Montevideo—Museo Nacional	1
Moore, C. B.	5
Moore, J. B.	1
Moore, V. A.	5
Muhse, A. C.	1
Museo Nacional de Historia Altera	1
National Association of Wool Manufacturers	1
National Chester White Breeding Association	8
National Dromedary Association	2
National French Goat Breed Association	5
National Goat Traders Association	1
Nebaska—State Department	1
Nevada—State Department	2
New Brunswick—Legislative Library	1
New Hampshire—State Department	1
New Jersey—State Department	6
New Jersey State Historical Society	1
New Mexico—State Department	2
New South Wales—Registrar	1
New York—State Department	129
New York City—City Office	9
New York Chamber of Commerce	1
New York Institution for the Blind	2
New York Mutual Insurance Co.	1
New York Produce Exchange	11
New York Public Library	1
New York State American Mammal Sheep Breeding Association	1
New York State Fur Association	1
New York State Fair Association	1
New Zealand—Registrar	1
Nitlick, O. K.	1
Norris, H. H.	1
Norske Grindmalings Kommission	1

North Carolina—State Departments	2
Northup, C. S.	10
Northwestern University	1
Nova Scotia—Legislative Library	3
O'Brien, Dennis	35
Ohio—State Departments	6
Ohio Archaeological and Historical Society	1
Ohio Poland China Record Co.	5
Ohio State Bar Association	1
Olmsted, E. W.	2
Olschki, S.	2
Ontario—Minister of Education	1
Oregon—State Departments	1
Oxford Down Association	1
Padova—Museo Civico	1
Page, E. C.	2
Parsons, H. B.	1
Peabody Institute Library	1
Pearson, R. A.	7
Pennsylvania—State Library	17
Pennsylvania State College	1
Peru—Ministerio de Fomento	3
Philadelphia—City Documents	3
Philippine Islands—Civil Service Board	2
Phillips, F. W.	1
Phillips Exeter Academy	1
Philosophical Review	77
Physical Review	17
Pound, C. W.	101
Prince Edward Island—Legislative Library	3
Providence, R. I.—City Officers	1
Rajna, P.	1
Red Polled Cattle Clubs	1
Rhode Island—State Departments	12
Rich, C. B., Jr.	1
Robbins, R. C.	1
Roberts, I. P.	1
Rockefeller Institute	4
Rode, I.	1
Rosengarten, J. G.	2
Rosenthal, O. H.	1

Archard, R.	1
Argal Institute of Dental Architecture	2
Arts Society of Canada	1
Artal Sam Kahan	1
Artal Institute University	1
Dr. Louis Academy of Science	1
San Francisco City College	1
Schuyler, G. W.	1
Schuyler, J. G.	17
Schuyler, P. L.	1
Scott, Mrs. G. E. W.	1
Scott, V. A.	1
Sheldon, W. D.	1
Shill, H. A.	1
Shinn, H.	1
Shingler, M. V.	1
Smith, A. W.	1
Smith, R. H.	1
Smith, William	1
Smith, M.	1
Smithson for the Study of Minerals	1
Smithsonian Institution for Research	1
Society of Naturalists	1
Society of Comparative Medicine	1
Spier, S. A.	1
Storero, A.	1
Stock Institute - Engineer	1
Student Union of the University	17
Student University	1
Sturges, T.	120
Sturges, W. W. H.	1
Sturges, G. E. H. O.	1
Sturges, C. H.	1
Sturges, George William, Kykashan	1
Sturges University	1
Sturges, J. F.	1
Stur, S. L.	1
Sturges, J. H.	1
Sturges, Mrs. Mary	120
Sturges, P. H.	1
Sturges, Mrs. M. M.	1

Texas Academy of Science	2
Texas State Bar Association	1
Texas State Historical Association	1
Thomas, C.	1
Thomburg, Miss J.	1
Thurston, Mrs. R. H.	2379
Toulouse University	2
Townsend, A. J.	1
Toynbee, P.	2
Tufts College	1
Union Club, N. Y.	1
United States Government	377
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Universidad de Chili	5
Universidad de Madrad	1
Université de Lyon	1
Université de Rennes	1
University Clubs, N. Y.	1
University Club of Hudson County, N. J.	1
University of California	3
University of Chicago	64
University of Cincinnati	1
University of Edinburgh	1
University of Illinois	3
University of Indiana	1
University of Iowa	1
University of Kansas	2
University of London	2
University of Michigan	2
University of Nebraska	1
University of Pennsylvania	5
University of Toronto	2
University of Wisconsin	5
Upsala University Library	4
Van Loon, H. W.	4
Van Nostrand, D. Co.	1
Vermont—State Library	1
Vermont Atwood Merino Sheep Club	1
Victoria University	2
Virginia State Bar Association	1
Von Homeyer Rambouillet Club	1

Wack, H. W.	1
Walt, L. A.	14
Ward, H. A.	1
Washington State Bar Association	1
Washington University	1
Weeks, H. C.	1
Weinler, S.	1
Wellcome Research Laboratories	1
Welles, C. B.	1
Wesleyan University Library	1
West Point Military Academy—Association of Graduates	1
West Publishing Co.	1
West Virginia—State Departments	1
Westinghouse Air Brake Co.	1
Westminster College	1
Whipple, G. M.	1
White, A. C.	1
White, A. D.	45 ^R
Wiggins, Mrs. F.	1
Willcox, W. F.	20
Willcox, Mrs. W. F.	1
Williams, Mrs. E. E.	1
Williams, W.	1
Wilson Orthological Club	1
Wisconsin—State Departments	1
Wisconsin Academy of Sciences	1
Wisconsin State Historical Society	1
Wood, C. H. A.	1
Woodruff, E. H.	1
Woodson, W.	1
Wyvell, K. M.	1
Yale Studies in English	1
Yale University	1
Yokoyama, S.	1
Yonkers, N. Y.—City Library	1
Young, M.	1

LIST OF PERIODICALS PRESENTED BY THE PUBLISHERS

Advocate of Peace
American Agriculturist

American Economist
American Federationist

- American Institute of Architects
 —Quarterly Bulletin.
 Animals' Defender.
 Arboriculture.
 Asbury Park Journal.
 Association Review.
 Automobile Review.
 Automobile Topics.
 Boys and Girls.
 Buffalo Medical and Surgical
 Journal.
 Bulletin of Bibliography.
 Bulletins of American Paleantol-
 ogy.
 Cassier's Magazine.
 Catholic University Quarterly.
 Chicago Seminary Quarterly.
 Christian Register.
 City and State.
 Cleveland Citizen.
 Columbia Literary Monthly.
 Columbia University Quarterly.
 Conservator.
 Cornell Alumni News.
 Cornell Countryman.
 Cornell Daily Sun.
 Cornell Era.
 Cycle and Automobile Trade
 Journal.
 Le Devoir.
 Dietetic and Hygienic Gazette.
 Electricity.
 Empire State.
 Exposition Française.
 Farm and Home
 Farm Journal
 Forestry Quarterly.
 Frankfurter Bücherfreund.
 Free Russia.
 German American Annals.
 Greater Light.
 Hartford Seminary Record.
 Herald of Gospel Liberty.
 Herald of Peace.
 Herald of the Golden Age.
 Hochschul-Nachrichten.
 Industrialist.
 International Railway Journal.
 Ithaca Democrat.
 Johns Hopkins University Cir-
 culars.
 Journal of Physical Chemistry.
 Journal of the American Medi-
 cal Association.
 Journal of Zoophily.
 Live Stock Journal.
 Medical Times.
 Missionary Herald.
 Monist.
 Monthly Cyclopedia of Practical
 Medicine.
 Motor Age.
 Motor World.
 Music Life.
 Die Nation.
 National Farmer and Stock
 Grower.
 Naturae Novitates.
 New Church Messenger.
 New York Latin Leaflet.
 Northwestern Miller.
 Page's Magazine.
 Park Review.
 Philosophical Review.
 Physical Review.
 Positivist Review.
 Power.
 Pratt Institute Monthly.
 Presbyterian.
 Princeton University Bulletin.
 Progressive Age.
 Revolution Française.
 Salvation.
 School.
 Sibley Journal.
 Single Tax Review.
 Sound Currency.
 Southern Workman.
 Spirit of '76.
 Street Railway Review.
 Students' Journal.
 Sunset.
 Tammany Times.
 Technology Review.
 Union Nouvelle.
 Unity.
 University Chronicle (Universi-
 ty of California).
 University Record (University
 of Chicago).
 University of Cincinnati Record.
 University of Texas Bulletin.
 Vanderbilt University Quarterly.
 Vick's Family Magazine.
 Vorwärts.
 Widow.
 Yale Alumni Weekly.
 Yale University Bulletin.

